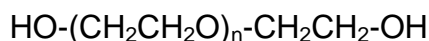


TECHNICAL DATA SHEET**Polyethylene Glycol, MW 400, 600, 800, 1000, 2000, 3400, 5000, 10000, 20000, 30000, 40000**

Catalog Numbers: PEG-400, 600, 800, 1k, 2k, 3k, 5k, 10k, 20k, 30k, 40k

Description:

Nanocs provides a rich selection of various polyethylene glycol (PEG) products and their derivatives with different molecular weight and various functionalities. These PEG products have high purity and narrow molecular weight distribution. Nanocs PEG products have been used by millions of customers for drug discovery, medical device modification and bioassay development. PEGylation can increase solubility and stability of modified materials. It can also reduce immunogenicity of modified antibodies, peptides and proteins. In addition, pegylation can suppress the non-specific binding of charged molecules to the modified surfaces.

Product Structure:**Product Specifications:**

- Composition: **Polyethylene Glycol.**
- Appearance: White/off-white solid, semi-solid or liquid depends on molecular weight.
- Purity: > 98%.
- Solubility: Soluble in water, ethanol, chloroform, DMSO, etc.
- Molecular weight: +-15% around its mean MW.

Handling and Use:

For best use, **polyethylene glycol** should always be kept in low temperature in dry condition. Prepare fresh solution right before use. Avoid frequent thaw and freezing. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

Polyethylene glycol should be stored at 4~20 °C. Desiccate. Protect from light. Materials may be handled under inert gas for best stability. Re-test material after 36 months.

This product is for research use only and is not intended for use in humans or for diagnostic use.

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